

Centenary

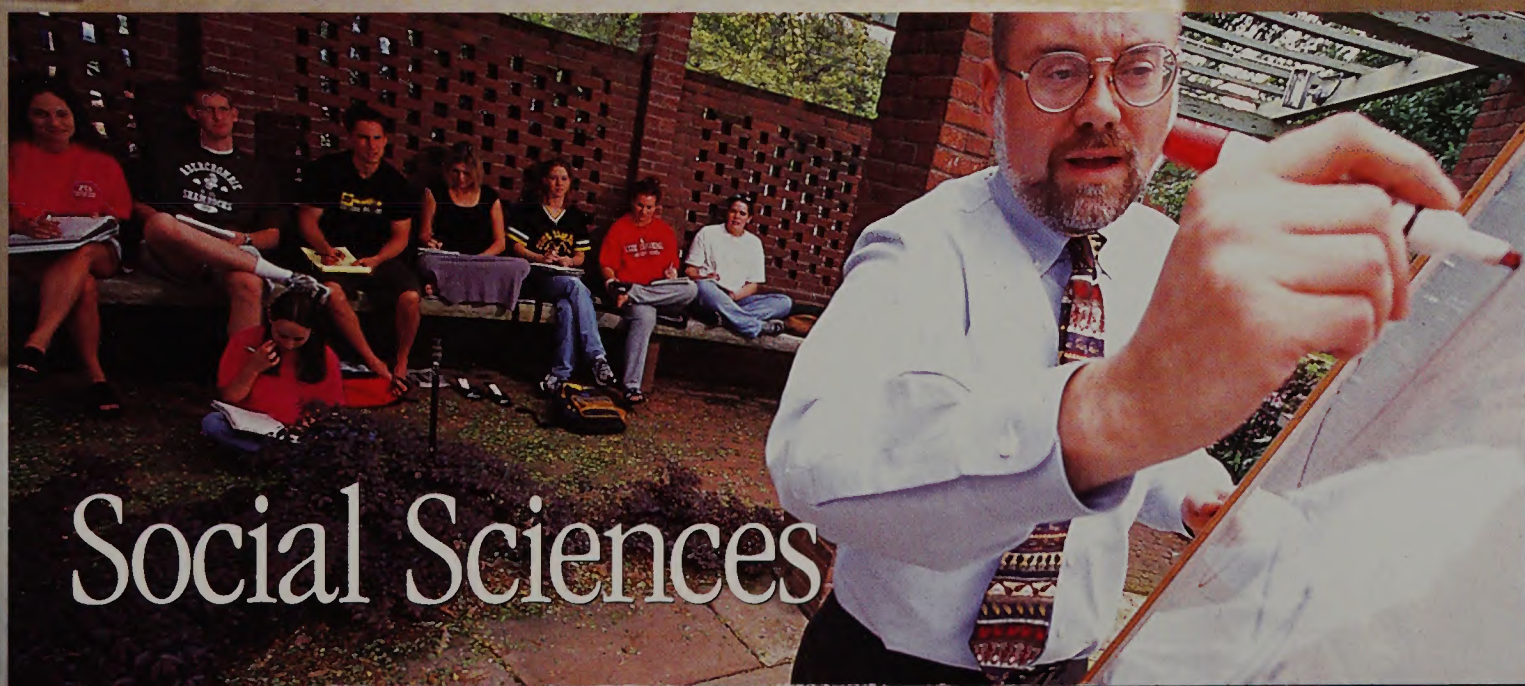
Academic Programs



Humanities



Natural Sciences



Social Sciences

Special people, special place	1
We have what it takes	2
We are innovative	3

Humanities



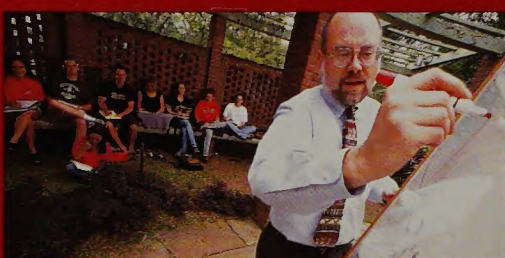
Ancient & Modern Languages	4
Art & Visual Culture	6
English & Communication	7
Hurley School of Music	8
Philosophy	9
Religious Studies	10
Theatre, Speech & Dance	11

Natural Sciences



Biochemistry	12
Biology	12
Biophysics	13
Chemistry	13
Environmental Science	14
Geology	14
Mathematics	15
Neuroscience	15
Physics	16
Special Programs: Engineering (3/2)	17
Special Programs: Pre-health, Pre-med	17

Social Sciences



Frost School of Business	18
Education	20
Health & Exercise Science	21
History & Political Science	22
Psychology	23
Sociology	23

Liberal Arts & Interdisciplinary Studies	24
Undecided, Majors	25

Centenary College of Louisiana

Special people, special place

Professors at Centenary lead students toward new levels of achievement and self-confidence. The College's 12:1 student-to-faculty ratio allows for close-knit and personalized learning experiences in classes that seldom exceed 25 students. In fact, 60 percent of the classes at Centenary have fewer than 15 students. Members of our faculty are your guides as you engage in academic and personal growth. With over 92 percent of our professors holding the highest possible degree in their fields, courses are taught by scholars, people who are committed to providing the highest quality education to our students.

Faculty-student collaborations are commonplace at Centenary. Thanks to an extensive endowed professorship program funded by generous donors and the state of Louisiana, students and faculty from across the disciplines work together during the summer on an array of special projects. With an English professor, a student wrote a screenplay. With a professor of French, another student explored the Creole literature of French Louisiana. A student of Ancient Greek collaborated with a professor of religious studies on an English translation of the Greek version of the book of Genesis. With a professor of neuroscience, a student studied the role of sensory experience in the development of the olfactory system. Other collaborative projects brought together students and faculty in biophysics, biology, and economics.

In a recent year, almost \$10,000 in grants from the Louisiana Independent College Foundation went to students working independently with faculty sponsorship. These students pursued projects on such subjects as urban ethnography, Francophone African-American literature in 19th-century

Louisiana, the art of the 20th-century British sculptor Barbara Hepworth, and the development of interactive narratives in the multimedia environment.

Professors also sponsor presentations by students at an annual on-campus research forum. Here students, competing for cash prizes, present before an audience of their peers as well as faculty their creative work, papers of literary or aesthetic analysis and criticism, and the results of their scientific research.

This special interest that the Centenary faculty takes in the work of our students may explain why so many of them also make presentations at national conferences, publish their work in scholarly forums, win prestigious awards, and go on to the finest graduate and professional programs. In the past 10 years, Centenary has produced four recipients of the Goldwater Scholarship, the premier undergraduate award in the fields of science, mathematics, and engineering.

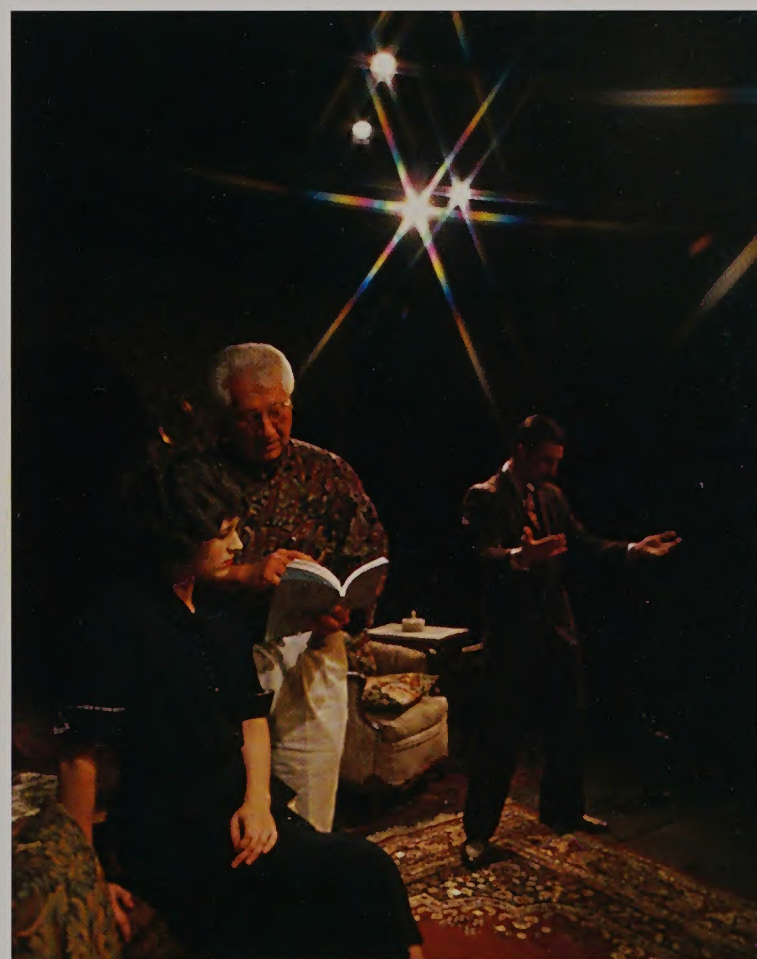
Centenary College builds upon the existing strength of its academic program by inviting renowned scholars from other colleges and universities, and leaders in business and industry to visit Centenary classrooms. Each year they share their expertise and enrich not only the students but the faculty as well. Centenary has hosted more Woodrow Wilson Visiting Fellows—national political figures, journalists, art critics, creative writers—than any other college or university in the United States. Our new Attaway professorships bring to campus for a week public intellectuals of national or international renown. The first such Attaway fellow, in 2000, was Dava Sobel, author of the best-selling *Longitude* and *Galileo's Daughter*. The Rea Fox Distinguished Professorship in Creative Arts and Letters brings to Centenary for at least a month-long residency a prominent figure in music,

the visual arts, theatre, dance, or creative writing.

Centenary's John William Corrington Award for Literary Excellence, named for the Centenary alumnus and author, honors outstanding creative writers and brings them to campus for readings of their work. The award has been presented annually since 1991, when it was given to Pulitzer Prize-winning author Eudora Welty. It also represents a unique collaboration between the Student Government Association and the faculty and administration. Other recipients include Ernest J. Gaines, James Dickey, Elizabeth Spencer, and Richard Wilbur. Students always have many opportunities to interact with these distinguished visitors both in and out of class.

"At Centenary you really get to know everyone around you. You learn from people, not just from books."

Brooks Ann Comper '97, Lindole, Texas,
BA in theatre, MFA in costume construction,
University of North Carolina at Chapel Hill



We have what it takes

Centenary espouses the academic philosophy of hands-on learning. In keeping with that philosophy, students are provided with a wide array of resources and equipment that enable them to engage in experiential learning to its fullest extent.

From our state-of-the-art language lab to our specialized music library, where students can electronically create their own compositions, to our multimedia design lab to our laser spectroscopy lab and NMR spectrometer, Centenary provides environments that make it possible for our students to experience the best in hands-on practice with the tools they will be using in their professional lives.

Thanks to some \$2 million in recent grants, students can do sophisticated work in hypertext, digital art, and multimedia, engage in discovery learning in neuroscience, immerse themselves in laboratory field experiments in biology, and both enjoy the stage productions of the Shenandoah Shakespeare Express and participate in workshops with this troupe of young professional actors from Virginia.

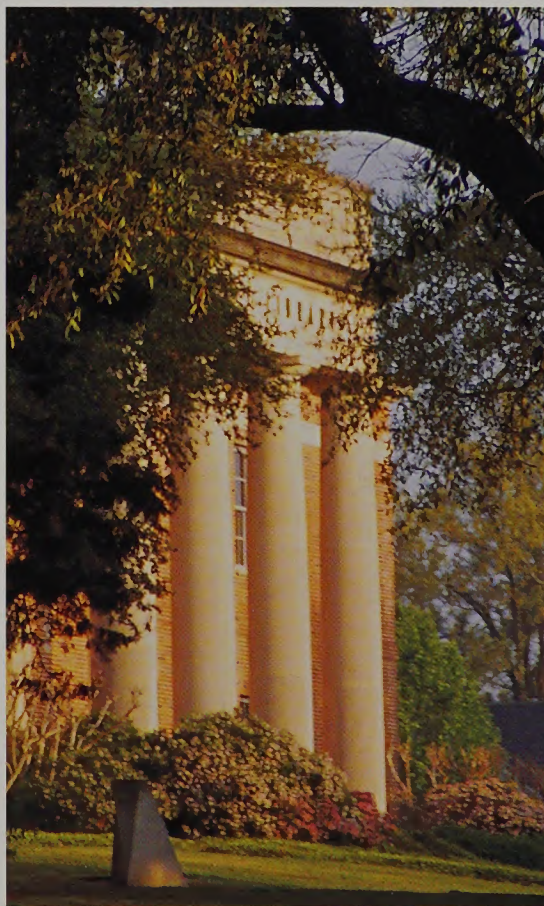
Centenary's technological resources and other opportunities for experiential learning will enhance your field of study.

Magale Library

The John F. Magale Memorial Library is a technologically sophisticated, comfortable place for students to study and conduct research. It contains six computer laboratories, more than 186,500 catalogued volumes, 200 print journals, and an extensive collection of CD-ROMS. It subscribes to 22,438 online, full-text periodicals and 266 databases. Students also have access to an excellent interlibrary loan program which ensures that they can receive in a timely manner any books necessary to complete their work.

Academic & Computer Facilities

All academic buildings at Centenary are linked via fiber optic cable to the Internet, and students have access to several software packages available on some 300 computers throughout the campus. Every student in the residence halls has a fiber optic connection to the Web in his or her room. Each residence hall also has a networked cluster of computers and a printer available for use 24 hours a day. The College supports the Microsoft Office® software suite and several Internet software tools, including Netscape® and electronic mail. Centenary has 21 fully networked computer labs for student use. Over one-third of all classrooms on campus are outfitted as electronic classrooms. In addition, technology has been incorporated into most courses across the curriculum; students are using computers in disciplines such as English, communication, physics, health and exercise science, business, mathematics, and geology.



Marjorie Lyons Playhouse

The Marjorie Lyons Playhouse is one of the most beautiful and well-equipped college theatres in the country. A 1958 gift to the college from trustee Charlton H. Lyons and his family, this 320-seat facility is home to six full-scale productions each year, at least one of which is a musical production. Recent productions include *42nd Street*, *Peter Pan*, *Picasso at the Lapin Agile*, *Sweet Charity*, *The Tempest*, *Lost in Yonkers* and *The Diary of Anne Frank*.

Meadows Museum of Art

The Meadows Museum of Art is a cultural institution within an educational setting. Through public lectures on its many temporary exhibits by visiting scholars and through docent-led tours, the Meadows Museum is a focal point in Centenary's commitment to the community. Cooperation between the museum staff and the faculty has also resulted in the integration of both the permanent collection and the temporary exhibits into our students' First-Year Experience and other academic programs. Created to preserve a record of cultural diversity, the Meadows Museum has successfully addressed multiculturalism through many exemplary projects funded by the Louisiana Endowment for the Humanities. Its permanent collection includes work by such well-known artists as William Hogarth, Mary Cassatt, Diego Rivera, George Grosz, and Reginald Marsh, as well as almost 400 paintings and drawings created by the French artist Jean Despujols in Indochina during the 1930s. Recent shows have featured the light sculptures of Akari Noguchi, objects from Jerusalem's Bezalel Academy of Arts and Design, and the sculpture and mixed-media productions of the internationally exhibited Louisiana artist Clyde Connell.

We are innovative

Throughout this publication, you will read about Centenary's curricular innovations. Two distinctive co-curricular programs are the Centenary Plan and the May Module. These programs open doors to new ideas by exposing students to a community whose needs only volunteerism can meet, to the wider world whose many customs and complexions demand appreciation, and to the world of work whose access requires self-knowledge and a set of practical tools—and by providing a forum in which students, from all disciplines, can investigate a subject that lies outside the traditional academic boundaries.

The Centenary Plan

It is a distinguishing characteristic of graduates in the liberal arts that they become leaders in their communities as well as their professions. The three-part Centenary Plan prepares our students for a life of engagement with their civic culture. It fosters volunteerism, promotes understanding of the global village, and readies them for the workaday world.

Service Learning

Centenary is committed to the idea that to be a good citizen, you must contribute—offer your talents—to society. Service Learning gives students the skills and motivation to reach out to others in need. While Shreveport itself provides numerous opportunities for volunteerism, many students have engaged in service learning in their hometowns. Some have even done so in other countries. Locally, students contribute their time to the Red Cross, Literacy Volunteers of America, neonatal hospital units, or the YWCA. They have provided hurricane relief work, built trails in the Kisatchie National Forest, and repaired houses for Habitat for Humanity.



Students participate in May Module in Muchwenlock, Shropshire, England.

Intercultural Experience

The goal of the Intercultural Experience is to burst the bonds of provincialism and, through active engagement, inspire empathy for those at home or abroad whose culture is different from ours, whoever we are.

While many students at Centenary have their Intercultural Experience during the three-week May Module, a sizable number choose to study for a semester or even a year abroad in affiliated programs at the University of Aarhus in Denmark, the Université Catholique de Lille in France, the Hochschule für Technik und Wirtschaft in Germany, the Universidad de Guanajuato in Mexico, or with the Business Exchange Initiative of Northern Ireland. Closer to home, there is the opportunity for intercultural experiences among the Puebloan Indians in Colorado, the immigrant Jews of New York City, and the minority middle-schoolers in Shreveport.

Career Exploration

Through Career Exploration, students engage in a systematic, guided inquiry into the practical world of work, through self-assessment, the examination of career options, and the development of a personal profile—a résumé—of qualifications and accomplishments. Many academic programs at Centenary require internships, and the director of career exploration actively solicits and makes available internships with local businesses.

May Module

During the three-week May Module, students engage in an academic enterprise that lies outside the confines of a typical course. Many students use the module to engage in Service Learning or to immerse themselves in an Intercultural Experience—in other words, to complete a part of the Centenary Plan. Students have explored the connections between human culture and the tropical environment of Nicaragua; resided with families in Bremen, Germany; hiked through Spain along the route of Christian pilgrims; gone theater-hopping in London and Stratford; and studied the volcanic formation of the Hawaiian Islands, their flora and fauna, and the culture of the indigenous human population. Others have stayed on campus and explored the digital world of new media and the commercial world of music with its platinum records, Broadway extravaganzas, and blockbuster movies.

"Centenary was the portal to a world of fresh discoveries. Participating in the Intercultural Experience has led me to study other cultures' perspectives on dance. There are uncanny resemblances that differing cultures have in the universal language of movement."

Keith Pinkston '96, BA dance, freelance performer, New York, New York

Ancient & Modern Languages

At Centenary, foreign language classes are small, and our program is organized to meet individual needs. Students majoring in a foreign language are strongly encouraged to spend at least one semester studying abroad to provide another avenue for mastery of the language and a greater understanding of the culture. In all foreign language classes, teachers and students speak the language being studied in order to reinforce their skills.

French

Majoring in French entails both mastery of the language and knowledge of the history, culture, and literature of France. In the first years of study, students participate in several conversational labs as well as introductory language courses. Upper-level courses reinforce verbal and written skills in French and introduce students to traditional and contemporary French literature. Since Louisiana is the only official bilingual state in the country (English and French), it is the perfect setting for students to study and participate in active learning through visits to other cultural settings. Our French

Majors:
French
German
Latin
Spanish
Foreign Languages

program produces such outstanding graduates that every student who applies for a scholarship to travel abroad from the Council for the Development of French in Louisiana (CODOFIL) receives one.

German

German at Centenary is proficiency-oriented. Students learn how to read, write, speak, and understand the German language and appreciate German culture. Along with the conversational German courses, majors also study the poetry, literature, and history of Germany.

Opportunities to study abroad in Germany are available through an exchange program with the Fachhochschule Dresden. In addition, a three-week intercultural May Module to Germany provides students with intensive exposure to German language,

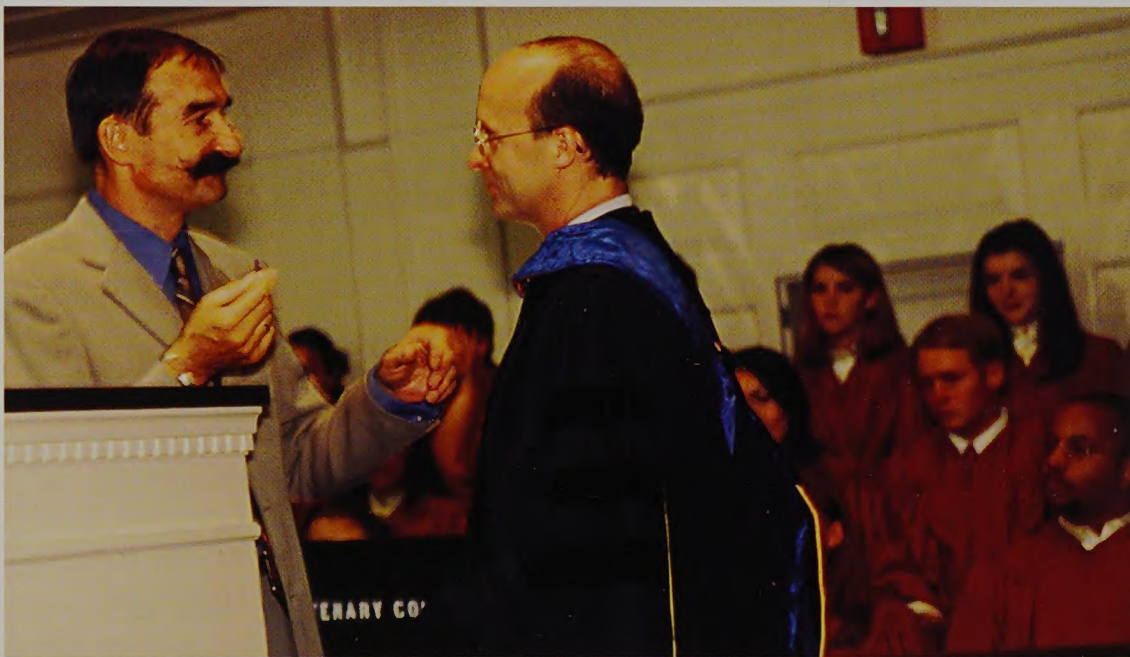
culture, and everyday life. Participation in organizations such as the German Club gives students an opportunity to speak the language with their peers in a non-classroom setting. German majors have won prestigious and lucrative scholarships to graduate schools or for study abroad.

Latin

In the spring of 1999, the faculty and the Board of Trustees of Centenary College approved the major and minor in Latin. While the program in ancient languages prepares students to pursue advanced degrees in Greek and Latin, it also provides a challenging curriculum in the tradition of the liberal arts. By exploring the ideas and languages that continue to enrich and invigorate Western culture, participants in the program develop skills of analysis, reasoning, and communication that will benefit them in their personal and professional lives.

The program in classical languages offers a supportive environment characterized by close attention to the academic interests and needs of individual students. Work with faculty in other disciplines, such as religious studies, history, art history, French, English, and communication, often enhances intellectual focuses in Latin and Greek courses. Moreover, faculty and students of the classical curriculum at Centenary participate in Sunoikisis, the Virtual Classics Department of the Associated Colleges of the South (ACS). The goals of this initiative include building a technological infrastructure that will support collaborative efforts among the 16 institutions of the ACS.

Opportunities for study abroad are available through the Intercollegiate Center for Classical Studies in Rome, of which Centenary College is a member



Louisiana French Consul General Bernard Maizeret (left) awards the Ordre des Palmes Académiques to Centenary French Professor Dana Kress.

institution; the Associated Colleges of the South's Archaeology Program, which currently focuses on the reconstruction of ancient life in southwestern Turkey; and spring modules to Italy and Greece led by Centenary faculty.

Spanish

The United States now has the fifth-largest Spanish-speaking population in the world. As a Spanish major, a student gains a practical tool for personal pleasure and professional advancement both at home and abroad. First- and second-year language courses create an environment in which students acquire the fundamentals of communicating in Spanish. These courses also introduce students to the varied cultures of the Spanish world. In upper-level courses, students refine their speaking, reading, and writing abilities as they begin to study written and visual texts in depth. Current courses explore such diverse topics as the theatre of Spain's Golden Age, the chronicles and histories of colonial Latin America, and 20th-century Latin American film.

Many students choose to combine a minor in Spanish with a major in another discipline. For example, Centenary's business/Spanish program is designed for those who want to complement their business studies with a strong foundation in Spanish. Centenary students have the option of studying Spanish in Mexico, taking 30 hours of the language while living there. They are also invited to participate in the College's intensive three-week May Module study trips. In the past, modules have taken students to Ecuador, Mexico, and Spain. Closer to home, students can explore language and culture by participating in Spanish language tables as well as attending weekly Latin dance classes offered by Centenary's students and faculty. They

may also become involved in a new Spanish language theatre project.

Foreign Languages

For those students interested in a more broad-based curriculum covering French, Spanish, Latin, and German, the foreign languages major may be the right choice. Students study two or three languages in depth, taking 12 hours of advanced-level courses in one language and eight hours in the other. The foreign languages major does not require the same level of intensive study as a major in a specific language (French, German, and Spanish majors must take 22 hours of upper-level language courses), but it does provide students extensive knowledge of multiple languages and cultures.

Other Languages

In addition to these major programs in ancient and modern languages, from time to time the College provides classes in Italian and Biblical Hebrew.

The Faculty

The men and women of the Foreign Languages faculty are all bilingual and have considerable bicultural experience. Most in the department have published at least one book and have authored numerous professional research papers, presentations, and other publications. All faculty members have traveled and studied extensively in countries where their specific languages are spoken.

Career Opportunities

In an increasingly interdependent world, knowledge of other cultures and languages is no longer a luxury. Students whose communication skills include reading and writing a foreign language and understanding foreign cultures have a distinct edge in today's



Students and faculty participate in a Spanish language play.

job market. Career opportunities exist in numerous fields, including tourism, airlines, business, foreign service, government, and teaching. Our graduates have received Fulbright and Rotary Scholarships and an award from the National French Honor Society for study at Laval University in Quebec. The latter award was one of only seven given in the nation.

"Studying Latin and Greek at Centenary not only prepared me for a challenging career in ancient history and literature, but also left me with a fruitful appreciation for that wild matrix of ideas and customs from which our civilization continues to emerge. The faculty is among the finest I have worked with: for four years, its professionalism inspired excellence; and its priorities were always, clearly, 'Students First.' "

The Rev. Dr. Cosey Elledge '94
Fulbright Scholar (archaeology, 2001-02);
Hebrew University, Visiting Research Fellow
(2001-02); École biblique et archéologique
française de Jérusalem (2001-02); Princeton
Dead Sea Scrolls Project (1996-present)

Art & Visual Culture

Small class sizes mean that Centenary art majors will receive what some consider private art lessons by master artists and art historians. The art faculty works with students to ensure mastery in the basic skills of art and art history as well as advanced training in creative studio arts and arts analysis. This is largely accomplished through courses which aim to develop the creative process. Courses in the history of painting, sculpture, photography, printmaking, film, and architecture give students a perspective through which to better understand and critique the visual cultures around them. A combination of theory and hands-on

studio courses at the upper-level allows students to sharpen their technique through intensive study in printmaking, drawing, pottery, sculpture, film, video, and electronic multimedia. For those who want to gain experience before graduation, art internships are available at galleries, studios, museums, arts agencies, and with professional artists and archaeologists.

Students display their works through several venues, including the Turner Art Center, the Magale Library Gallery, and the Gallery in the Tower in downtown Shreveport, as well as in other local galleries and exhibitions, including Shreveport Airport's Artport. Our impressive art facilities include multimedia classrooms; a darkroom; gallery; Meadows Museum; studios for painting, printmaking, drawing, and sculpture; and a state-of-the-art multimedia design laboratory.

The new R.Z. Biedenharn Eminent Scholars Chair in Communication affords students even more expertise fusing art and communication studies in the analysis and creation of multimedia. As a part of the communication curriculum, the film/television/video degree is structured in two tracks to teach students to express themselves and to communicate with others by using various electronic and film media focusing on either screenwriting and critical studies or on technical design and production. In addition to taking art courses, film/television/video majors explore the disciplines of English, foreign languages, theatre, and speech. Centenary students become creative media artists with a strong sense of the complex realities of film, video, and communications.

For students interested in arts or museum management, we also offer the Museum Management Program, which combines business classes with art

Majors:

**Art
Communication
Film/Television/Video**

Special Programs:

**Arts Management
Visual Culture**

courses and internships, often at the Meadows Museum. This program enables many of our students to work as gallery and museum managers immediately upon graduation.

The Faculty

Professional artists/designers/art historians compose Centenary's art faculty. Graduates of distinguished universities and art institutions, they have worked in various areas, including museum curation and direction, sculpting, painting, graphic design, consulting, stage design, multimedia design, and film and video production. They present their work both regionally and nationally, and have won numerous awards and grants for their contributions to the arts.

Career Opportunities

Centenary art graduates have found varied and interesting careers. Some choose to teach or pursue graduate degrees in art history, interior design, landscape design, architectural design, art therapy, graphics, and fine arts. Others become professional artists, gallery owners, museum managers and curators, interior designers, and professional photographers. Centenary art majors have achieved success as physicians, attorneys, and business leaders. Wherever their career paths take them, they agree that the understanding and appreciation of art learned at Centenary prepared them to master the specific skills necessary in their professional fields.

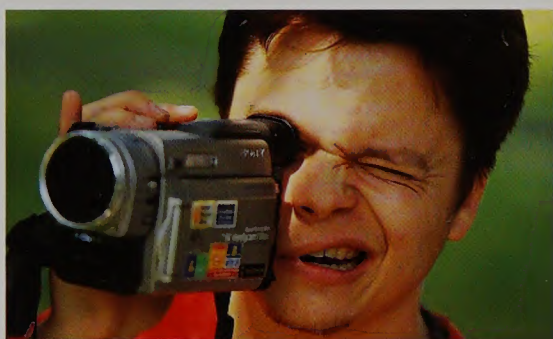


English & Communication

English

Centenary English majors explore the world of the imagination as it reveals itself in words and images, whether these reside in pop culture, cyber-culture, or the canonical past, in poetry, fiction, literary non-fiction, or drama, in film or in theoretical criticism. Through both study and production, our majors hone their skills so that they can express ideas, complex and original, in whatever medium or genre with clarity and style.

People who communicate well excel in academic, business, and professional fields, so English students practice the art of communication online for the Web and in lines of verse, in essays, and in narratives. The department offers a curriculum emphasizing both the craft of writing and the study of literature (American and British as well as that of other traditions) along with the related areas of language, communication, and film. Course topics include advanced grammar and rhetoric, women's literature, creative writing, literary criticism, and seminars ranging from medieval to contemporary literature, including the post-colonial.



Communication— Film/Television/Video

Both tracks of the film/television/video degree—1) screenwriting and critical studies and 2) technical design and production—are structured to teach students to express themselves and to communicate with others by using various electronic and film media. In

addition to English courses, film/television/video majors explore the disciplines of art, foreign languages, theatre, and speech. With extensive internship opportunities available, Centenary students become creative media artists with a strong sense of the complex realities of film, television, and communication.

The new R. Z. Biedenharn Eminent Scholars Chair in Communication affords students additional opportunities to examine the intersections of English and art studies. Students learn to analyze how media convey cultural meaning and to use various media to achieve their communicative objectives.

Communication— Professional Writing

Students pursuing the degree in communication/professional writing learn the theory and practice of writing within the media. The degree provides experiential learning in the media, whether television, film, radio, newspapers, books, magazines, recording, or public relations and advertising. Students take specific courses in English, business, theatre/speech, and communication.

The Faculty

The professors and instructors who compose the English Department are award-winning scholars with diverse educational backgrounds and professional interests. From Shakespeare to Jack London, from Bram Stoker to the committed American writers of the 1930s, from film analysis to creative and technical writing, their range of interests and expertise, evident in numerous presentations and publications in national and international forums, provides the foundation for a program that delivers practical training in all areas of literary study and communication.



Career Opportunities

A strong writing background will serve any student entering the job market. Many Centenary English majors have become successful in business and law as well as in the academic profession. Others enter the fields of primary and secondary education, professional writing, technical writing, film or television production, screenwriting, advertising, and public relations.

"Centenary provided me with a first-rate liberal arts education and with faculty who devoted themselves to their students as well as to their scholarly endeavors. ... my first scholarly publication was the product of one of my undergraduate English courses—a tribute to Centenary's tradition of collaborative, creative learning."

Dr. Jeanne Campbell Reesman '77, Interim Dean of Graduate Studies, University of Texas, San Antonio

Majors:

English Communication—

- Film/Television/Video
- Professional Writing

Hurley School of Music

Large numbers of Centenary students are active in the School of Music. In addition to students who major in music, many students who are non-majors participate in music ensembles, enjoying an opportunity to continue to develop their music skills.

Bachelor of Music

Students who wish to pursue a full-time career in music will generally enter the bachelor of music degree programs. These students will spend approximately two-thirds of their college curriculum in music and one-third in courses in other departments of the college. All bachelor of music students will have intensive training in music history and literature, music theory, private lessons in their discipline, and performance in a variety of ensembles. Depending upon their area of specialization, bachelor of music majors will also study composition, choral or instrumental conducting, sacred music literature, music education methods, orchestration, advanced analysis, or pedagogy in their instrument area.

Bachelor of Arts in Music

Students who have a great interest in music, but who may wish to pursue a career in a music-related field like music

therapy or arts management, generally enter the bachelor of arts in music degree program. Students who wish to combine their interests in two separate departments of the college, like theatre and music, or English and music, also tend to enter this degree program.

Bachelor of arts in music students also have a fine foundation of studies in music history and literature, music theory, private lessons in their discipline, and performance in a variety of ensembles. However, these students will spend approximately one-third of their college curriculum in music and two-thirds in other departments of the College. The upper-level requirements for the bachelor of arts degree have a less intense level of specialization than for bachelor of music degrees, so the total required hours in music are fewer than for bachelor of music degrees. However, bachelor of arts in music students will pursue areas that particularly interest them through six hours of upper-level electives in music.

All students who wish to pursue a bachelor of music or a bachelor of arts in music degree must audition in order to be admitted to the program.

Music Minor

The School of Music also offers a minor in music, and some students may wish to develop individual plans of study with their adviser that include music as one element of an interdisciplinary or liberal arts degree.

Performing Opportunities

Many students look forward to college opportunities to perform in ensembles. The Hurley School of Music has many groups of students enthusiastically performing as a team in ensembles. Our vocal groups range from large choral ensembles such as Camerata and



the Centenary Choir to small chamber ensembles to the Opera Workshop. Instrumental students may play in the Wind Ensemble, the Hurley Chamber Orchestra, or the Jazz Ensemble. Pianists may accompany solo vocalists and instrumentalists, or even a chamber group of musicians. The world-famous Centenary Choir makes a major international tour every other year, and has sung multiple times at The White House.

The City of Shreveport has many other opportunities for music students to perform. Many Centenary students have regular jobs singing, playing, or conducting in local churches. Some participate in performances of the Shreveport Opera, some play with the Marshall (Texas) Symphony, and many take advantage of performing opportunities with local theatre organizations, such as the Gilbert and Sullivan Players, the Performing Arts Center musicals, and the Marjorie Lyons Playhouse at Centenary.

The Faculty

Majors in music enjoy study with faculty members whose degrees come from such prestigious institutions as Indiana University, Florida State



Majors:

Bachelor of Music
Music Education
Performance
Sacred Music
Theory/Composition
Bachelor of Arts in Music

Music, continued from page 8

University, the University of Cincinnati College-Conservatory of Music, and the University of North Texas. Faculty members are active performers, writers, and composers. Music faculty members perform with groups such as the Shreveport Opera and Shreveport Symphony, the Houston Ballet Orchestra, the Houston Oratorio Society, the New Orleans Symphony, and many smaller regional symphonies and opera companies. We have three composers on our faculty, and the opportunity to perform new music by faculty or students is very exciting.

Career Opportunities

Alumni of the Hurley School of Music are singing at the San Francisco Opera, the Chicago Lyric Opera, and performing and recording in Germany. We have alumni who manage public radio stations in California, teach public school or private studio music lessons, work as church ministers of music, and accompany professional choruses in New York.

Music graduates from Centenary also go on to graduate study at schools like Florida State University, Boston University, Indiana University, Michigan State University, University of Colorado at Boulder, University of North Carolina-Greensboro, Pennsylvania State University, and Cincinnati Conservatory.



"I started out as a horn major but my professors found a gift for voice."

Twyla Robinson '93, vocal performance graduate, San Francisco Opera Adler Fellow, San Francisco, California

Philosophy

Major: Philosophy

Since Socrates, philosophers have earned the reputation of questioning what is widely taken for granted in art, morality, politics, religion, and science. In fact, much of what we take for granted today has been influenced by the philosophical challenges of the past. It is because of philosophy's long intellectual history and profound contribution to human thought and society that it is one of the essential elements of the liberal arts curriculum.

The Philosophy Department brings the intellectual skills and rigor of this tradition to students through its introductory courses, history of philosophy courses, and courses specifically designed to address the philosophical dimensions of art, politics, religion, and science.

The Faculty

The philosophy faculty members have expertise in ethics, logic, philosophy of mind, social and political philosophy, and the history of philosophy.

Career Opportunities

Since every academic discipline has its philosophical dimensions, the philosophy major is a natural complement to many other majors. Most students who major in philosophy thus combine it with a second major, such as biology, English, neuroscience, physics, political science, psychology, or sociology. The range of options is quite broad. The most common career choices among philosophy graduates are journalism, law, and medicine.



Religious Studies

The Religious Studies Department encourages students to examine how religious beliefs, practices, and values of contemporary and historical cultures shape and are shaped by societal factors, long-standing traditions, and distinctive forms of literary and artistic expression. Offering a bachelor of arts degree in religious studies and a concentration (15 credit hours) in Christian education, the department explores the myriad religious and spiritual traditions of the human landscape.

Students find courses in Islam, East Asian Religions, Prophets and Prophecy, and Native American Religious Traditions as stimulating as more traditional classes in Hebrew Bible and New Testament Studies.

Religious studies majors and minors in good standing are often invited to join the Alpha Epsilon Sigma Chapter of Theta Alpha Kappa, Centenary College's official chapter of the National Honor Society for

Religious Studies and Theology. Members discuss current trends in religious studies, submit papers for publication in the *Journal* and attend regional and national seminars.

Faculty

Our renowned faculty, trained at such institutions as Illiff, St. Louis University, and Vanderbilt, teaches courses in sacred literature, comparative religions, religion and culture, history, Biblical studies, Christian education, and theology.

Career Opportunities

Many of our graduates receive scholarships to leading institutions around the globe, continuing their academic exploration in the area of religion. Of course, some graduates enter religious-based seminaries upon leaving Centenary to receive training leading to ordination and a lifelong commitment to a religious life.



"Centenary provided me with a deep appreciation for the diverse faith convictions I would later find widespread in the sea services. The courses and outstanding professors challenged me not only to broaden my own faith convictions, but also to crack open the door of understanding wide enough to walk with those of different faiths in the spirit of neighborly love."

U.S. Navy LCDR Van Dickens '77
Command Chaplain, USS LAKE ERIE
Pearl Harbor, Hawaii

Major:
Religious Studies
Special Programs:
Christian Education



Theatre, Speech & Dance

Theatre

Many believe that Centenary College has the best theatre in the area. After attending a production, you will understand why. Within the first few weeks of class, theatre majors are exposed to all aspects of creating a full-scale theatrical production. Acting, directing, lighting, costume design, set design, sound, and make-up are several of the areas that a theatre major will practice both inside and outside the classroom. Courses in technical theatre, lighting, theatre history, criticism and analysis, design and stage management serve as a foundation for advanced work in the theatre. Any interested student may audition for plays at Centenary. It is truly a community experience that students, staff, and local patrons support and enjoy immensely.

Speech

Speech communication is the basis of the speech degree program at Centenary. As part of the theatre program, many performing arts and theatre majors double major or minor in speech. The speech major can choose from courses such as small group communication, cross-cultural communication, voice for the stage, and interpersonal communication. A forensics program, which includes debate, gives students opportunities to practice their speech skills in a venue other than the classroom. Students may also pursue a B.A. in theatre-speech certification, which is planned in cooperation with the Education Department. This option provides the background and training to earn Louisiana teacher certification.

Dance

A degree in dance is designed for those who wish to pursue careers as teachers, performers, and/or

choreographers. Dance majors take dance history, choreography, and composition, and at least 19 hours of technique courses with a major concentration in the disciplines of ballet, tap, modern, and jazz. Supportive courses in theatre, music, voice, exercise science, and biology are also recommended. Each year a select group of students receives invitations to join Escaped Images, Centenary's dance company. Centenary students also participate in the annual American College Dance Festival. Several pieces choreographed by our faculty and students have been chosen as exhibition pieces on the festival's final evening.

Performing Arts

The traditional theatre program does not always provide the diversity that students seek. The performing arts degree may better suit their needs. This broader based curriculum includes acting, dance, and music. In order to be accepted into this selective program, prospective students audition for admission and demonstrate strong potential in either acting, dancing, or music. In addition to 28 hours from the theatre, dance, and music disciplines, students complete two semesters of introductory foreign language.

The Faculty

Performing artists, actors, dancers, and directors in their own right, the members of the Theatre/Speech/Dance Department not only teach but also continue to practice their craft in a variety of ways. They are acclaimed producers and directors, choreographers, contemporary and Shakespearean actors, and stage and lighting designers. They share their real life experiences with students in the classroom. Their numerous honors and awards include two Kennedy Center

bronze medallions, selection as one of only seven in the country to direct a production for the 1984 American Theatre Festival, invitations to choreograph musical productions in New York City and multiple (Shreveport) *Times* Drama Awards for acting, directing, lighting, and production.

Career Opportunities

A degree in theatre, speech, dance or performing arts can lead to rewarding careers in the fields of teaching, performance, design, radio and television, arts administration, public relations, and advertising. Centenary graduates have gone on to do successful graduate work at such prestigious schools as Yale, Juilliard, Emerson College, Sarah Lawrence, California State University-Fullerton, Virginia Commonwealth University, Southern Methodist University, and the North Carolina School of the Arts. Many have also moved to New York and Los Angeles to work and continue study in their respective fields.

I would not be the successful professional actor that I am today if it hadn't been for the Theatre/Speech/Dance Department at Centenary. I owe who I am today to their guidance and support.

Steven E. Baker '99, (pictured far right) actor and Off Off Broadway award winner, New York



Majors:
Theatre
Dance
Speech
Performing Arts

Special Programs:
Theatre/Speech (with
teacher certification)
Dance Certification K-12

Natural Sciences



Biochemistry

Biochemistry seeks to answer biological questions using the tools of chemistry. As efforts to reveal the complete structure of the genetic material of humans and other organisms near completion, biochemists in the foreseeable future will focus primarily on exploiting the wealth of information becoming available about the processes of life. Biochemists, like their colleagues in other areas of chemistry, increasingly use powerful, sophisticated instrumentation to clarify their understanding of the chemistry of life. In addition to the Chemistry Department's excellent inventory of general chemical instrumentation, the department also has a superb collection of instruments primarily dedicated to biochemistry.

A research experience is nearly an obligatory component of a quality undergraduate science education today. Biochemistry students at Centenary enjoy a wide range of opportunities to participate in research both on campus and at other sites. The nearby Louisiana State University Health Sciences Center-Shreveport (LSUHSC) employs many of our students in its laboratories, providing them with valuable research experience and a source of additional income.

The Faculty

Our biochemist, who holds an Eminent Scholars Chair in chemistry, involves students in a research program which examines the enzymology of carbon-carbon triple bonds. Since biochemistry is interdisciplinary, adequate preparation in the field requires course work in biology, physics, and mathematics, as well as chemistry. Biochemistry students thus have the opportunity to interact closely with a broad range of science faculty, each with unique expertise and research interests.

Career Opportunities

Many of our biochemistry majors enter medical school or other professional schools in health care areas. Two of our recent graduates have entered nationally recognized M.D./Ph.D. programs at Vanderbilt and the University of Alabama-Birmingham. Some have pursued graduate study at leading universities. The emerging biotechnological industry employs large numbers of biochemists at all academic levels, so students who do not wish to continue beyond the bachelor's degree level can find interesting and well-paying jobs.

Biology

The Biology Department strives to challenge the intellectual curiosity of students by emphasizing the complexity and interrelatedness of life systems as revealed through the unifying theory of evolution. We provide a broad, rigorous biological background for all students. Although the department has a rich tradition in training students to become physicians, dentists, and veterinarians, the diversity of its course offerings and faculty expertise makes it an ideal choice for any student who is interested in knowing more about living systems.

Because the Biology Department

faculty believe that students learn best by experiencing biology, all courses contain a laboratory component.

The introductory course, Principles and Methods of Biology, is taught using a studio format, covering laboratory and lecture materials simultaneously. Students perform experiments and observe specimens as they learn about a topic from instructors. Because of the unique nature of this course, class size is limited to 24. This method of learning allows biology instructors to work closely with students to ensure that everyone understands and appreciates the basic concepts of biology. Several other courses in the department are taught using the same method.

Learning about biology does not stop at the classroom doors. There are opportunities to work with faculty both at Centenary College and at the Louisiana State University Health Sciences Center (LSUHSC) about two miles from the Centenary campus. A Howard Hughes Medical Institute grant to Centenary and numerous grants awarded to faculty in the Biology Department have allowed the department to purchase sophisticated equipment suitable for student research. Students are encouraged to design and

Major:

Biochemistry
Biology
Biophysics
Chemistry
Environmental Science
Geology
Physics
Mathematics
Neuroscience

Special Programs:

Engineering (3/2)
Information Technology
Studies
Pre-health, Pre-med

implement independent research projects under the guidance of the biology faculty. Additionally, many biology majors work in laboratories at LSUHSC, where they assist researchers with their projects. Because of these opportunities, some participating Centenary biology majors have published scientific papers before they graduate.

The Faculty

All faculty members in the Biology Department have earned the Ph.D., and two members hold endowed chairs. The biology faculty includes a biochemist, a specialist in the taxonomic relationships of Costa Rican rodents, and a neuroscientist studying the development of the mammalian nervous system. Additionally, the department faculty includes a professor working with the genetics of human mutations, the founder and director of the Centenary College Arboretum, and an animal behaviorist who studies the behavior of a variety of animals, including humans.

Career Opportunities

Although the majority of biology majors continue their studies in medical, dental, veterinary, or graduate school, other majors have become teachers, naturalists, laboratory technicians, pharmacists, physician assistants, nurses, and lawyers. Because the department offers rigorous and broad training in the biological sciences, biology majors are well equipped to compete successfully in whatever field they choose to pursue.

Biophysics

Biophysics is a field of science that seeks a mechanistic approach to biology from simple principles of physics. This view of living systems has led to many

fundamental advances in biology and medicine, from the unraveling of DNA and protein structures, to the development of medical scanners, and to the creation of virtual living systems using computer modeling.

Biophysics, which has been traditionally taught in graduate and medical schools, is now available as an undergraduate program at Centenary College. The Centenary biophysics major, established in 1992, was the first of its kind at an undergraduate liberal arts institution in the nation. Today the program continues to lead with the development of a new curriculum designed specifically to meet the needs of undergraduate students seeking training in this exciting area of science. The biophysics curriculum provides a broad but rigorous foundation in basic sciences and mathematics. One of its special features is a unique course in Biophysics and Bio-Imaging, developed at Centenary with funding from the Howard Hughes Medical Institute. In the course, students learn about fundamental developments in biophysics and they practice laboratory methods used by biophysicists. Opportunities are also available for students to get involved in research projects, often leading to publications and presentations at international conferences.



Faculty

Faculty members from several departments present courses in the biophysics area.

Career Opportunities

Judging from the career paths chosen by our alumni, a biophysics major from Centenary can expect diverse career opportunities. Many pursue advanced study in biophysics, engineering, medicine, or law. Others obtain jobs in medicine, industry, information technology, and education.

Chemistry

Chemistry seeks to understand the composition, structure, properties, and reactivity of substances in terms of their basic building blocks: atoms and molecules. The new research thrusts of the 21st century—molecular genetics and nanotechnology—have made chemistry even more central to the study of all the sciences. The quintessential image of the chemist staring intently at test tubes no longer defines the modern practice of chemistry. The 21st-century chemist uses lasers to monitor ultrafast reactions, computers to design new drugs, microscopy to directly visualize atoms, high-resolution Nuclear Magnetic Resonance to determine complex molecular structures, and a variety of instruments to separate and identify components of complex mixtures. The Chemistry Department at Centenary has kept abreast of these changes by adding over \$400,000 worth of equipment to our instrument holdings during the last five years and by integrating instrumental methods throughout our curriculum, including our introductory courses. We have adopted the discovery-based mode of laboratory teaching, a method that models the scientific research process. Our students receive much practical



Scene from annual Physics and Chemistry Circus.

experience by participation in research projects with our faculty either at the College or in collaboration with other institutions, such as the Louisiana State University Health Sciences Center and the National Aeronautics and Space Administration-Glenn Research Center. Many present their findings at the national American Chemical Society meeting each spring. The Shreveport area also provides internship opportunities in forensic chemistry, petroleum chemistry, and environmental monitoring.

The Faculty

The chemistry faculty holds doctorates from leading institutions and possesses a collective expertise that spans all subdisciplines within chemistry. Their research interests include the enzymology of carbon-carbon triple bonds, laser spectroscopy, nanomaterials, and environmental analysis. The institution just completed funding for the Albert Sklar Eminent Scholars Endowed Chair in Organic Chemistry. This \$1 million endowment will bring to the department an eminent scholar who is

committed to undergraduate education and who will involve students in cutting-edge research.

Career Opportunities

Upon graduation, many of our chemistry majors pursue graduate work in chemistry or related areas at the nation's top programs (Johns Hopkins, Rice, Vanderbilt). For example, one of our recent graduates is now studying under a Nobel Laureate in the doctoral chemistry program at Rice University. Many Centenary chemistry graduates enter medical school or other health-related professional programs. Others have found rewarding careers in industrial and environmental laboratories, high school classrooms, and even an environmental law firm.

Environmental Science & Environmental Studies

Students today have an acute awareness of the changes in and threats to our global environment. Students at Centenary may choose to focus their studies about the environment by pursuing either an environmental science major or an environmental studies minor. The students who pursue these programs have a strong desire to understand the complex interactions in our environment and to help solve the problems that threaten it.

One of four environmental laboratories—the Centenary Arboretum—is located in the center of campus. It is home to hundreds of native plant and animal species. The oil fields of the Ark-La-Tex and the rich agricultural economy of the region provide additional natural laboratories. Students have developed research projects in all of these venues.

The environmental science major

spans the sciences, with all students taking courses in biology, chemistry, and geology. It is designed for people who seek a career in technical aspects of environmental planning, remediation, and management. The environmental studies minor can be combined with other majors in the humanities, social sciences, or natural sciences so that students can see how environmental policy and practice can support whatever career they elect.

Geology

Shreveport is the hub of the Ark-La-Tex, one of the country's historic oil and gas regions. Centenary has long played a role in providing geologists for both the local petroleum industry and the large national and international corporations. In recent years, the reputation of our geology program has enabled students to enter emerging fields in environmental geology, computer mapping, and related areas of public policy and law.

Students interested in a career in geology generally pursue the bachelor of science degree with a geology major. This course of study includes the core study areas of general geology (both physical and historical), mineralogy-petrology, sedimentary geology, and structural geology. These students also

"Centenary helped me discover ways to combine my interests and strengths through chemistry, which has presented me with great opportunities. I believe that Centenary, both academically and socially, has been instrumental in my development as a person and scientist. It has been one of the greatest experiences of my life!"

Valerie Curtis Moore '01, graduate student, Rice University, Houston, Texas

complete a program of supportive work in mathematics, physics, and chemistry. In addition to taking the core courses, students have the opportunity to elect additional class work in environmental geology and hydrology, geochemistry and natural resources, and computer mapping and Geographic Information Systems (GIS). Most of our majors also participate in a research project with a faculty member.

Some students elect to pursue the bachelor of arts degree. This degree has fewer requirements in the sciences, thereby allowing students to augment their geology education with course work in the social sciences, business, or education. This degree program provides excellent preparation for students wishing to pursue careers in such diverse areas as law, environmental and energy policy, urban planning, and secondary education.

The Faculty

Our faculty members hold graduate degrees from some of the nation's distinguished geology programs. They have worked in many different parts of the country and the world, including Great Britain, South America, and the Middle East. Active research by

department members includes studies of environmental recovery of old oil fields in the Ark-La-Tex, volcanic rocks of the Snake River Plain in Idaho, and the impact of human use on the Colorado River and its tributaries.

Career Opportunities

Many of our students continue their education in graduate and professional programs. Recent graduates have pursued graduate study in geology at the University of Texas, the University of Washington, and Rice University, and professional studies in related fields like urban planning (the University of Texas), GIS (the University of Missouri), and law (Boston University and the University of Texas). Some of our graduates work in the local petroleum industry, in environmental consulting, and in applied computer mapping.

Mathematics & Computer Science

People from all walks of life use the analytical and problem-solving skills that come from understanding mathematical concepts. We want our mathematics majors to learn the fundamentals of mathematics—the arrangements, forms, sets, relationships and properties of numbers—as well as to apply these concepts in modern society through the use of technology-based learning. A solid foundation in mathematics is a smart choice for many fields of study. Our introductory-level courses require the use of a graphing calculator, while many upper-level courses use computers. Course offerings begin at college algebra and include three semesters of calculus. Higher-level course topics include differential equations, discrete mathematics, topology, and vector and numerical analysis.

Computer Science Minor

Computing has become a life skill in recent years. Students majoring in mathematics, business, economics, and all other fields can pursue a minor in computer science. From the fundamentals of applications to programming in the professional object-oriented computer language C++, the minor is the foundation for careers that require a technical background. Advanced courses include computer architecture, computer organization and assembly language, data structures, and operating systems and networking.

In addition, capstone computer science studies/experiences are offered as independent studies in such topics as artificial intelligence and computer graphics plus internships that provide professional computer work experiences in local industry.

The Faculty

Our Department of Mathematics and Computer Science has outstanding men and women who excel in their fields. Their professional interests range over a wide array of specialties.

Career Opportunities

The mathematics curriculum is designed so that students majoring in the field may choose any number of avenues upon graduation. These include education, industry, computer mathematics, computer programming, systems analysis, actuarial work, or a combination of mathematics with other scientific training.

Neuroscience

The interdisciplinary field of neuroscience seeks to understand the many functions of nervous systems, including those of the human brain. Modern neuroscientists are working on



problems as diverse as the genetic cause of neurological disease and the neural basis of consciousness. This rapidly growing discipline draws on the techniques and traditions of neurobiology, psychology, computer science and philosophy, among other fields.

Centenary College, with support from the Howard Hughes Medical Institute's Undergraduate Biological Sciences Education Program, set in motion plans for a neuroscience program in 1996 and neuroscience became an undergraduate major at Centenary in 2000. The program occupies recently renovated teaching and student research space in Mickle Hall of Science that has been equipped by grants from the Louisiana Board of Regents and gifts from the National Institutes of Health.

Centenary's neuroscience program is committed to independent laboratory experimentation as a vehicle both for learning science and for fostering curiosity. Thus, every student in the program will complete an undergraduate thesis under the supervision of an appropriate faculty member with the expectation of publication in professional journals. Recently, students in the program have presented their research results at national and international meetings. Faculty members at Centenary and nearby Louisiana State University Health Sciences Center (LSUHSC) are available to supervise neuroscience student research.

The Faculty

Centenary faculty members from six different departments teach courses that are part of the neuroscience major. The Biology Department has a \$1 million Eminent Scholars Chair in neuroscience. The Philosophy Department has a \$1 million Eminent Scholars Chair whose



expertise is philosophy of mind. The Psychology Department has recently received a \$1 million endowed chair, whose holder will teach in the program. One of the greatest advantages of Centenary's neuroscience program, however, is the proximity and extensive participation of faculty from LSUHSC and the Biomedical Research Institute. As a result, many Centenary students benefit from both a challenging and nurturing liberal arts college while obtaining valuable research experience at a major research institution.

Career Opportunities

Neuroscience is such a diverse field that it is difficult to characterize all the career opportunities available. Many neuroscience students will go on to graduate school in medicine or allied health fields. Others will seek advanced degrees in philosophy or computer science. Still other neuroscience students will find rewarding jobs in biomedical research laboratories or the mental health field—without additional

education. Because the neuroscience program requires extensive research experience and diverse course work in all three divisions of the College—natural sciences, social sciences and humanities—our graduates will be highly sought by graduate schools and prospective employers.

Physics

Physics, the most fundamental field of science, is the study of nature at its deepest level—matter and its interactions. Our students study these interactions while using Centenary's extraordinary facilities and equipment, which include a state-of-the-art laser laboratory, a multi-channel analyzer, nuclear decay detectors, and a variety of digital oscilloscopes. The physics curriculum includes courses in conceptual physics, thermal physics, electricity and magnetism, and quantum mechanics. By working with an adviser or faculty team, students take advantage of independent studies, individual or team research projects, and internships.

The Faculty

The comprehensive professional backgrounds of our physics faculty members include biophysics, nuclear physics, and solid state physics. Their research experience includes appointments and post-doctoral work at such notable places as the National Aeronautics and Space Administration, Oak Ridge National Laboratories, Washington University, Indiana University, and Los Alamos Scientific Laboratory. Each professor publishes in professional journals and conducts research with students.

Career Opportunities

A physics degree communicates immediately that its holder is intelligent, hardworking, and most certainly not intimidated by technology. Our graduates' successes demonstrate that a physics degree is useful in many ways. Many continue on to graduate school in physics and engineering, and others to medical school; still others use their training to obtain technical employment. Recent Centenary physics graduates are pursuing graduate studies at the University of Illinois and working in software development, environmental technology consulting, and biomedical engineering.

Special Programs

Dual Degree Engineering

In addition to exhibiting superior technical skills, today's successful engineers must effectively communicate their expertise in a global marketplace and understand the potential social, cultural, and economic impact of their work. Centenary's strong speaking and writing programs embedded in our comprehensive liberal arts curriculum develop the skills needed by today's



engineers.

Typically, students in our 3-2 engineering program take three years of mathematics, science, and core curriculum classes at Centenary and then continue their engineering education for two years at an affiliate institution such as Columbia University, the University of Southern California or Washington University in St. Louis. Upon completion of all graduation requirements, students enter the engineering job market with two degrees: a bachelor of arts degree from Centenary and a bachelor of science degree in engineering from our affiliate.

Pre-health, Pre-med

Centenary's pre-medicine program has a long and distinguished history, beginning with the work of Dr. Mary Warters in 1927 and currently serves students, professional schools, and the health care profession as a whole. Many prominent local and regional physicians and dentists are Centenary alumni. Over the years, Centenary has developed a well-respected pre-med program to prepare students for the medical profession. By its very nature, the curriculum is difficult and requires steadfast dedication. Our science

courses are rigorous and require advanced reasoning skills. In addition, there is ample opportunity to participate in clinical or biomedical research through summer programs with Centenary's faculty or through LSU Health Sciences Center in Shreveport. In recent years, medical schools have emphasized that they seek well-rounded individuals with good writing, speaking, and personal skills. At Centenary, all students develop and nurture these abilities as a matter of course. Thus medical schools have confidence in the academic backgrounds of applicants from Centenary.

Students interested in applying to medical school may choose any major they wish. While a majority pursue a degree in biology, biochemistry, or chemistry, others with majors in physics, mathematics, English, and music have also been accepted in recent years to medical and dental schools. We advise our students to major in a discipline that they really enjoy, making sure to include the prerequisites for the professional school to which they intend to apply. Required courses include a year of biology, two years of chemistry, a year of mathematics, a year of physics, and a year of English. Because of the breadth of fields in all Centenary degree plans, these courses can complement any major.

The pre-med advising system at Centenary includes coordination of MCAT testing, AMCAS applications, and compilation of recommendation letters from a faculty committee of the student's choosing. In addition, information on programs related to medicine and biology, such as dentistry, physician assistant, podiatry, genetic counseling, optometry, and biomedical research is also made available to students seeking alternative careers.

Frost School of Business

"Centenary sparked my interest to earn a B.A. in economics and provided me with the knowledge and motivation I needed to pursue graduate studies at Texas A&M."

Dr. Nick McKinney '96, double major in business & economics, Research Fellow, Harvard Business School, Cambridge, Massachusetts

Why Business? Given the globally competitive, culturally diverse, high velocity environment of today's organizations, Centenary's liberal arts orientation provides the perfect place to study the science of business. Successful organizations require individuals who possess business acumen, yet who also have the ability to communicate persuasively, collaborate in teams, think critically, and effectively lead change. At the Frost School of Business, the rich traditions of a Centenary education combine with cutting-edge professional preparation to produce graduates who thrive in business and industry and who are ready to face the challenges of tomorrow.

The Frost School of Business attracts the largest number of majors at Centenary. Students are drawn by faculty concerned with each individual's intellectual and personal growth, by a curriculum with a balanced emphasis on quantitative and qualitative approaches, and by proven success in preparing students for advanced graduate study or careers in business. Although the popularity of the School of Business continues to grow, class sizes remain small. Intimate classrooms, "wired" with the latest technology, and easy access to faculty, create a learning environment that is individualized and interactive.

Centenary's Frost School of Business offers majors in four areas: accounting, business administration, economics, and finance. To ensure a firm conceptual

and quantitative foundation, all majors complete classes in basic economic principles, accounting, statistics, finance, management, and marketing. This blend of courses is also important because our graduates are likely to be involved as team members in all phases of a business operation.

Accounting

Most students majoring in accounting plan to pursue careers in this field, many as certified public accountants. Thus the curriculum provides students with specialized and comprehensive training in the field of accounting. Introductory courses focus on basic accounting principles, while advanced courses cover topics such as cost accounting, tax accounting, governmental accounting, auditing, business law, and accounting information systems.

Business Administration

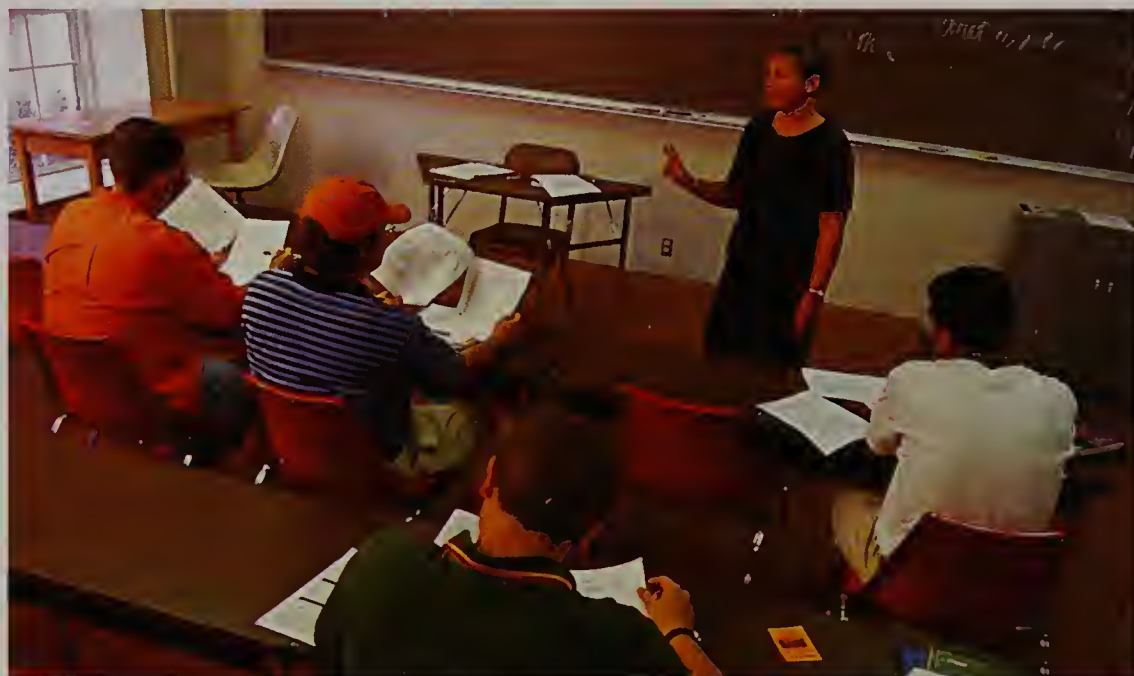
The business administration program emphasizes a generalist approach, training well-rounded managers who can recognize opportunities, analyze problems, and propose workable solutions in all areas of business. Majors take a broad base of courses across the

entire business curriculum and may select upper-level courses addressing such topics as organizational leadership, investments, marketing strategy, or international business. If your interests are in the international arena, you may want to consider our business/Spanish program. Through this program, business administration majors are prepared for employment in a Spanish-speaking country or Spanish-speaking area of the United States.

Economics

Frost School of Business economics majors first approach their studies through an overview of economic society that describes how social, financial, and international issues affect the economy. Both a traditional bachelor of arts degree in economics and a bachelor of science degree in business economics are offered for students interested in applied economics. A student who

Business
Accounting
Business Administration
Economics
Finance





majors in economics usually has one of the following two goals: to pursue an advanced degree in economics or to create a specialized degree with a minor in another field that will help secure a specific job upon graduation. For example, several economics graduates have also studied political science or modern languages.

Finance

Students majoring in finance explore and analyze the global monetary marketplace. The study of finance emphasizes analytic skills and the interrelationship between business accounting and economics. The finance program includes courses in corporate finance, investments, financial institutions, risk management, federal taxation, and money and banking.

No matter which course of study you choose, internships help you gain hands-on experience. Frost School of Business students have interned at Fortune 500 companies, local and national investment firms, accounting firms, not-for-profit and governmental organizations, and local small businesses. Many of these internships have led to full-time positions upon graduation. Most Centenary business students

consider internships as highlights of their educational experience.

The Faculty

You will enjoy getting to know and work with the faculty of the Frost School of Business. All are exceptional teachers and learned scholars. They hail from such fine institutions as Duke, Georgia Tech, and Virginia Tech. One professor is studying the means by which organizations can maintain productivity and morale in the wake of layoffs. The research of another faculty member focuses on the components of retail gasoline prices. The faculty actively seeks students to join them in research projects. Students can become involved in research from start to finish. Often these students have presented their collaborative research at professional meetings, and many times these presentations have led to publication in a professional journal.

In the classroom, no single method of teaching dominates. Instead, faculty members use a variety of instructional techniques best suited to course objectives and optimal learning, including cases, lectures, simulations, team projects, student presentations,



plant visits, and classroom visits from business leaders. Professors genuinely care about their students and their future success.

Career Opportunities

The placement success of Frost School of Business majors—be it in business, law schools, or MBA programs—is extraordinary. Many of our economics graduates have sought advanced study in the fields of business administration, law, public administration, international relations, financial analysis, economic forecasting, and public finance. Many of our accounting graduates join CPA firms. However, public accounting is not the only career open to our accounting majors. Some opt for the prospect of an eventual controllership in a manufacturing or service firm. Others are placed in government and nonprofit organizations that employ accountants such as the General Accounting Office, Internal Revenue Service, and the Defense Contract Audit Agency. Our finance majors pursue graduate study or employment with financial services companies, financial institutions, or publicly traded firms. Many Centenary business administration graduates have assumed leadership positions with Fortune 500 firms and with national and local corporations. Business majors also pursue careers in the fields of marketing, management, business administration, financial operations, and entrepreneurship.

"I was given the opportunity to co-author a research paper, travel the world, and gain a jump on the job market through the internship program. The Frost School of Business has given me the tools to succeed."

Geoffrey Cazes, finance major '02
Birmingham, Alabama

Education

Centenary College builds upon its rigorous and comprehensive arts and sciences program required for all Centenary students to prepare outstanding classroom teachers who are certified, qualified, and in demand by local, statewide, and out-of-state school systems. The professional education gained through the Department of Education coupled with the broad liberal arts education gained through other departments at the College produces teachers with a sense of their place in society and the world, with comprehensive knowledge and with refined pedagogical skills to be effective PK-12 educators.

All pre-service teachers take courses in the foundation of education, educational psychology, human growth and development, and special needs children. Elementary pre-service teachers take additional courses in reading, language arts, social studies, and science methods of teaching. Secondary candidates take courses in secondary methods and content area reading. Pre-service teachers begin their experience in the classroom through frequent observations in local schools monitored by professors of sophomore-level introductory education courses. The junior year for elementary education majors includes many hours of actual classroom teaching experience at our Professional Development School, E.B. Williams Stoner Hill, near the Centenary campus. Secondary pre-service teachers have similar experiences in local middle and high schools during their junior year. Seniors complete 600 hours of student teaching before completing the program. All education majors must maintain at least a 2.5 GPA in their course work in education, and must pass all parts of the PRAXIS Exam prior to student teaching.



The Faculty

Members of the Department of Education bring years of teaching experience—from preschool through graduate school—to their classrooms. All have doctoral degrees in education and maintain high standards of teaching and learning in their courses. Because classes are small, students and faculty develop and maintain long-lasting professional relationships that extend beyond undergraduate graduation from Centenary College. In fact, many alumni return to Centenary's Department of Education to continue working with talented faculty in pursuit of master's degrees in elementary education, secondary education, school administration, or instructional supervision.

Career Opportunities

Centenary students who graduate with certification to teach are in great demand. Many students are able to accept offers of teaching positions before graduation; others secure employment shortly afterwards. Reciprocity between states allows Centenary graduates with Louisiana State Teaching Certificates to teach anywhere in the United States and in many other countries. Some students elect to continue their studies at the graduate level and have no difficulty participating

in and completing prestigious graduate programs throughout the United States and abroad.



"By the time I graduated with a degree in elementary education, I felt extremely confident about going out into the real world and finding a teaching job. Anyone can teach you how to teach math or reading, but it takes a special teacher to help you understand how important your job will be to the children you are working with."

Andrea Reese '00, teacher, E.B. Williams Stoner Hill Lab School, Shreveport, Louisiana

Certification Areas

GRADES 1-8:

Elementary Education

GRADES 7-12:

Biology, Chemistry, Earth Science, English, Environmental Science, French, General Science, German, Latin, Mathematics, Physics, Social Studies, Spanish, Speech

GRADES K-12:

Art, Dance, French, German, Health & Physical Education, Latin, Music, Spanish

Health & Exercise Science

"In my career in biomedical research, I regularly come in contact with scientists from institutions such as Johns Hopkins, Yale and the Mayo Clinic. These professional relationships are maintained with many of the skills I developed at Centenary College. The ability to think critically, creatively solve problems and communicate effectively is essential to my career as a research scientist."

Dr. John B. Buckwolder, B.A. and B.S. '91,
Assistant Professor of Anesthesiology, Medical
College of Wisconsin, Milwaukee, Wisconsin

The major in health and exercise science is designed to provide an in-depth exposure to the scientific basics of human movement with an emphasis on critical thinking, problem solving, and hands-on learning experiences. These skills require the study of structural, functional, and behavioral phenomena related to participation and exercise in sport, clinical, and community settings. The educational experiences and training are diverse and include knowledge and skills related to anatomy and physiology, kinesiology, exercise physiology, motor learning, exercise prescription, sport and exercise psychology, physical fitness and wellness, nutrition, and drug education.

The major in health and physical education offers a K-12 teacher certification for the state of Louisiana. This program provides the academic course work and the pre-professional public school experience necessary to become an effective teacher.

The Faculty

The diverse interests of the faculty include the history of the ancient Olympic games and international education, learning theory, psychology of sport, exercise physiology, exercise



prescription, and health education. Physical fitness and wellness, especially nutrition, are important areas of interest to all faculty members since they are integral parts of health and exercise science.

Career Opportunities

Many graduates go to graduate or professional schools to major in physical therapy or occupational therapy or other medical specialties, exercise physiology, sport and exercise psychology, or other areas of exercise science. After advanced study and/or certification, students may seek positions as physical/occupational therapists, nurses, physicians,

physician's assistants, exercise specialists or directors of cardiac rehabilitation, adult fitness program directors in hospitals or corporations, YMCA/YWCA and community settings, and as exercise scientists (teaching or research) in higher education, government, or industry.

Majors:

**Health & Exercise Science
Health & Physical Education**

Special Programs:

**Pre-Physical Therapy
Pre-Occupational Therapy
Cardiac Rehabilitation
Fitness and Wellness**

History & Political Science

Students studying history investigate the deeds and ideas of the past. Centenary history majors consider the lives, problems, and achievements of earlier generations, and seek explanations for how and why humans have either altered conditions in their world or have resisted change. A major in political science provides students with the critical reasoning and analytical skills that lead to success. Political science includes the study of the structure and legal basis of governments, the decision-making process, public policy, and the consequence of governmental actions.

Course offerings in these areas are numerous and diverse, which is why many non-majors choose to take several classes in both history and political science. The curriculum stresses critical thinking in addition to excellent oral and written communication skills. Topics of study in history include European heritage (ancient to modern), Latin America, United States history, the social

and intellectual history of America, in addition to several history courses about Louisiana and the South. Political science offers various levels of courses in American politics, public law (including constitutional politics), comparative politics, world politics, political analysis, political parties and elections, religion and politics, presidency, international law, and U.S. foreign policy. Internship opportunities are open to all interested students. Past internship experiences include work in political campaigns, district attorney offices, and U.S. Senate offices.

The Faculty

The members of this department are noted experts who studied at such prestigious schools as Duke, Wisconsin, and Minnesota. Their research interests include Southern, urban, and religious history; the history of popular culture; women's and gender issues; European politics; world politics; the Supreme

Majors: History Political Science

Court; civil liberties and civil rights; and American politics.

Career Opportunities

Many of our graduates pursue careers in law. Centenary boasts a more-than 90 percent placement rate for its graduates in law schools. Others work in politics and business or attend graduate schools in public administration and business. Centenary history and political science graduates are teachers, historians, and political analysts.

"As a student of political science at Centenary, I enjoyed a wide range of excellent academic experiences. My political science classes were always small, interesting, and challenging."

Corey Olney '00, graduate student pursuing Ph.D. at University of Minnesota, Minneapolis



Sociology

Sociology majors study the creation, meanings, and consequences of social organization, ranging from individual and small groups to large social institutions and cultures.

Centenary's Sociology Department encourages students to understand both the interconnections between self and society and the interplay between groups and social structures.

Through courses such as Social Problems, Race and Ethnicity, Sex and Gender, Urban Sociology, Social Movements, and Society and Technology, students learn to understand and untangle the complexities and problems of contemporary society. By focusing on the consequences of social organization for diverse groups of people, students learn how societal problems emerge and what they might do to influence social change.

To connect learning in the classroom to people's lives in the world, many sociology classes have an experiential component in which students participate in the area of the social world they want to study. These experiences range from a "ride-along" with a local police officer to time spent helping in a grassroots social movement. These experiences support the Sociology Department's commitment to encouraging students to use their knowledge to enhance the lives of others.

The Faculty

The faculty of the Sociology Department have varied research and professional interests and experiences, including sociological theorizing and quantitative methods, cross-cultural comparisons, the impact of new technologies on society, ethnographic fieldwork, in-depth interviewing, and qualitative methods studying the connections between identity, emotion,

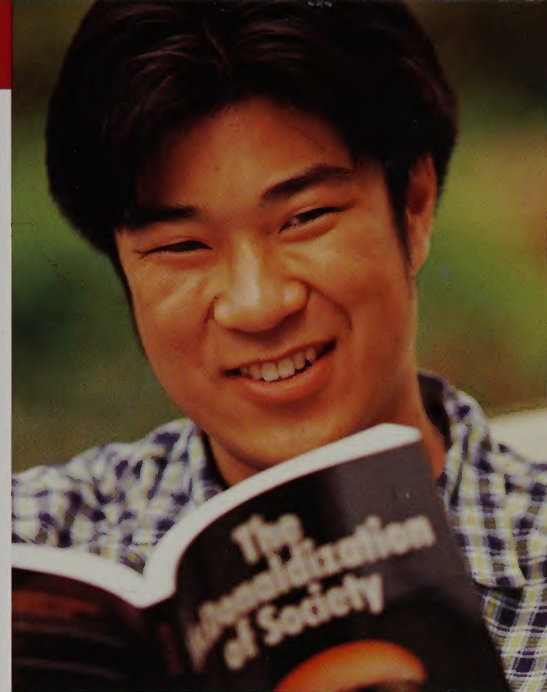
Major:
Sociology

Special Program:
Gender Studies

and social change, as well as the sociology of gender and sexuality.

Career Opportunities

Students pursuing careers in government, law, social work, marketing, and public policy administration often choose to major in sociology. Our graduates have been accepted for Ph.D. programs in Top 10 graduate schools in sociology and social



work. Others have been admitted to outstanding graduate programs in law, social work, public health, and counseling. Graduates have been employed in nonprofit organizations, hospital administration, market research, government service, law enforcement, and teaching.

Psychology

Major: Psychology

Psychology, a field bridging the humanities, natural sciences, and social sciences, encompasses the diverse approaches to understanding human and animal behavior. At Centenary, the psychology major emphasizes the scientific study of behavior while recognizing the role psychology can play in everyday life. The curriculum focuses on understanding, predicting, and modifying behavior using both classical and modern methods. Active learning is emphasized with many opportunities for internships and independent research. Course offerings include research methods, human growth and development, theories of personality, experimental psychology and psychopharmacology. Students are taught to think critically and communicate ideas clearly so they can better understand themselves and others.

The Faculty

The faculty of the Psychology

Department represents the diverse approaches and applications of psychology in science and society. Included are active scholars interested in experimental psychology, psychopharmacology, neuroscience, developmental psychology, and clinical psychology. The department members also share with the Sociology Department an interest in social psychology.

Career Opportunities

Psychology majors, who understand the scientific method and have learned to think critically, will be prepared for graduate school in medicine, mental health, neuroscience, and psychometrics, among other fields. Also, knowledge of human behavior, fostered by a degree in psychology, prepares students for careers in law, business, communication, education, and the ministry. These same skills will be beneficial for those heading directly into the work force, for example, in marketing, business, communication, or human resources.

Liberal Arts & Interdisciplinary Studies

Many of the most intriguing ideas of the past and present emerge at the interstices of traditional disciplines, places where questions are posed in new ways and where answers often challenge orthodox assumptions. In fact, many of what we now think of as standard academic areas—psychology, anthropology, communication, even accounting—were products of friction between disciplines. And in many new areas of research, the very names proclaim their hybrid nature: neuroscience, biochemistry, geophysics, psycholinguistics, to mention only a few of the fields already represented in our curriculum.

At Centenary, a student whose curiosity transcends traditional disciplinary boundaries or whose vocational aims require interdisciplinary preparation may elect to develop a “liberal arts” or “interdisciplinary” major. Both majors are custom designed by the student in consultation with the Centenary Chair of Liberal Arts and a faculty advisory committee. These majors provide students a great deal of flexibility in designing their course of study. They are intended to broaden rather than narrow the scope of the College’s conventional majors.

Liberal Arts

Students who elect this major will (in addition to fulfilling core requirements) complete 48 hours of course work in three or four departments, with a minimum of 12 hours in each department and with work in more than one of the academic divisions of the College (Natural Sciences, Social Sciences, and Humanities). At least 24 of these hours must be at or above the 300 level. In

addition, liberal arts majors complete work in a foreign language through the intermediate level and participate in a senior seminar.

Interdisciplinary Studies

This major is similar to the liberal arts major, except that its courses may be drawn from two or more departments, and these departments may be within the same academic division of the College, and there is no special language requirement. Students complete 45 hours in the combined disciplines, 18 at or above the 300 level. Applicants for the interdisciplinary major must receive approval from a standing faculty committee.

Information Technology Studies Minor

The Information Technology Studies minor is an interdisciplinary program designed to explore the developing work of new media. Classes range from Multimedia Literature to Technology and Society to Computer Analysis of



Geographic Data (GIS). An internship is a requirement of the minor, allowing students to apply the material they have learned. Students in any major can pursue the minor, although it is a particularly good fit for business administration, English, mathematics, psychology, or sociology majors.

Majors:
Interdisciplinary Studies
Liberal Arts
Special Program:
Information Technology Studies



Undecided

The preceding pages outline specific academic majors and courses of study available to all Centenary students. But what about those students who might not know exactly what they want to study? It may ease your mind to know that most first-year students do not select a major until the end of their first year of college. As a matter of fact, the average college student changes majors three times. So, don't feel pressured to decide a major until you have had the chance to explore different academic areas and determine for yourself the best course of study.

Academic Advisers

One of the most influential and important people you will work with at Centenary is your academic adviser. Advisers (faculty members who help you choose your course of study during your time here) become lifelong mentors to many students. If you do not have a specific major in mind, an adviser can help you select from numerous course offerings that explore the different academic options available. One of the benefits of our liberal arts approach is an exploration of courses in the social sciences, humanities, and natural sciences.

Career Planning

In addition to academic advising, the Centenary College Career Center works with students by providing opportunities for discovery of, inquiry about, and preparation for their career paths of choice. This is an excellent first step for students who may be undecided about majors or for those with a specific academic interest who are not sure what type of employment is available in a particular field. Beginning in your first semester, courses such as career exploration, interviewing skills, and résumé writing serve as a foundation for personal and professional growth.



Courses of study

Majors:

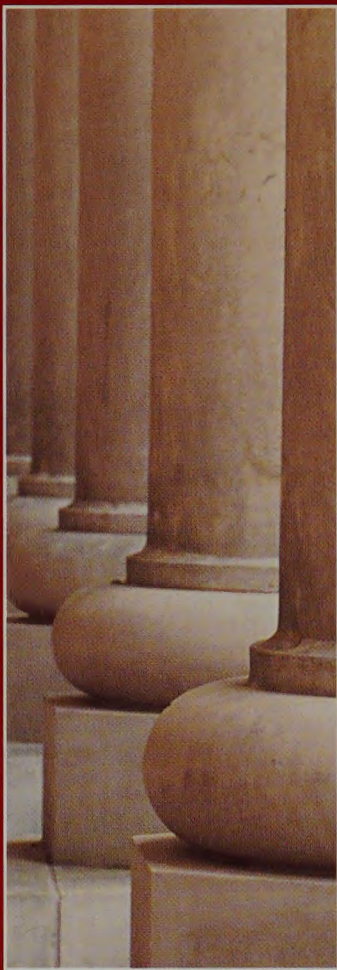
Accounting
Ancient & Modern Languages
Foreign Languages
French
German
Latin
Spanish

Art
Biochemistry
Biology
Biophysics
Business
Chemistry
Communication
Dance
Economics
Education
Elementary
Health/Physical
Music
Science
Social Studies
English
Environmental Sciences
Finance
Geology
Health/Exercise Science
Health/Physical Education
History
Interdisciplinary Studies
Liberal Arts
Mathematics
Music
Music Performance
Music Theory & Composition
Sacred Music

Neuroscience
Performing Arts
Philosophy
Physics
Political Science
Psychology
Religious Studies
Sociology
Speech
Theatre

Pre-Professional Programs:

Allied Health Tracks
Health Administration
Medical Technology
Nuclear Medicine
Nursing
Occupational Therapy
Pharmacy
Physical Therapy
Physician Assistant
Speech-Language Pathology/Audiology (3/2)
Army ROTC
Athletic Trainer Certification
Church Careers
Computer Science
Dentistry
Engineering (3/2)
Pre-Law
Pre-Medicine
Museum Management
Theology
Veterinary Medicine



Contact Us At
Office of Admissions
CENTENARY
COLLEGE
OF LOUISIANA

Peters Building
2911 Centenary Boulevard
Shreveport, LA 71104
318 869-5131
800 234-4448
www.centenary.edu
admissions@centenary.edu

